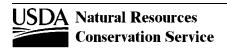
# **Table J1b. - Physical Properties of the Soils**

Mecklenburg County, Virginia

Entries under "Erosion Factors--T" apply to the entire profile. Entries under "Wind Erodibility Group" and "Wind Erodibility Index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.

Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	tors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	ln	Pct	Pct	Pct	g/cc	In/Hr	In/In	Pct	Pct					
AaB:														
Abell	0-12			5-18	1.30-1.55	0.6-6	0.08-0.15	0.0-2.9	1.0-2.0	.28	.28	4	3	86
	12-32			18-35	1.35-1.55	0.6-2	0.13-0.19	0.0-2.9	0.0-0.5	.28	.28			
	32-52			30-45	1.35-1.55	0.6-2	0.11-0.17	3.0-5.9	0.0-0.5	.28	.28			
	52-62			10-27	1.45-1.60	0.6-6	0.08-0.18	0.0-2.9	0.0-0.5	.28	.28			
Helena														
Worsham														
AbB:														
Altavista	0-9			10-24	1.30-1.50	2-6	0.12-0.20	0.0-2.9	0.5-3.0	.24	.24	5	3	86
	9-62			18-35	1.30-1.50	0.6-2	0.12-0.20	0.0-2.9	0.0-0.5	.24	.24			
deep, well drained soils														
poorly drained soils														
ApB:														
Appling	0-7			5-20	1.40-1.65	2-6	0.10-0.15	0.0-2.9	0.5-2.0	.24	.28	4	3	86
	7-38			35-60	1.25-1.45	0.6-2	0.15-0.17	0.0-2.9	0.0-0.5	.28	.28			
	38-48			20-50	1.25-1.45	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.28	.28			
	48-62			0-40	1.30-1.60	0.6-20	0.05-0.16	0.0-2.9	0.0-0.5	.10	.24			
Abell														
Cecil														
Helena														



Mecklenburg County, Virginia

Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fa	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	ln	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					•
ApB: Louisburg														
Mattaponi														
Wedowee														
Worsham														
ApC:														
Appling	0-7			5-20	1.40-1.65	2-6	0.10-0.15	0.0-2.9	0.5-2.0	.24	.28	4	3	86
	7-38			35-60	1.25-1.45	0.6-2	0.15-0.17	0.0-2.9	0.0-0.5	.28	.28			
	38-48			20-50	1.25-1.45	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.28	.28			
	48-62			0-40	1.30-1.60	0.6-20	0.05-0.16	0.0-2.9	0.0-0.5	.10	.24			
Abell														
Cecil														
Helena														
Louisburg														
Mattaponi														
Wedowee														
Worsham														

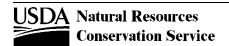
ArC:



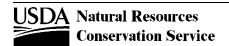
Mecklenburg County, Virginia

Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fa	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct			•	•	
ArC:														
Appling	0-7			20-35	1.30-1.45	0.6-2	0.12-0.15	0.0-2.9	0.5-1.0	.15	.15	3	5	56
	7-34			35-60	1.25-1.45	0.6-2	0.15-0.17	0.0-2.9	0.0-0.5	.28	.28			
	34-44			20-50	1.25-1.45	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.28	.28			
	44-62			0-40	1.30-1.60	0.6-20	0.05-0.16	0.0-2.9	0.0-0.5	.10	.24			
Abell														
Cecil														
Louisburg														
BuA:														
Buncombe	0-12			3-12	1.60-1.75	6-20	0.06-0.10	0.0-2.9	0.5-1.0	.28	.28	5	2	134
	12-44			3-12	1.60-1.75	6-20	0.03-0.07	0.0-2.9	0.0-0.5	.10	.10			
	44-62			0-40	1.30-1.60	0.6-20	0.05-0.16	0.0-2.9	0.0-0.5	.10	.24			
Тоссоа														
CeB:														
Cecil	0-7			5-20	1.30-1.50	2-6	0.12-0.14	0.0-2.9	0.5-1.0	.28	.28	4	3	86
	7-55			35-70	1.30-1.50	0.6-2	0.13-0.15	0.0-2.9	0.0-0.2	.28	.28			
	55-62			0-40	1.30-1.60	0.6-20	0.05-0.16	0.0-2.9	0.0-0.5	.10	.24			
Abell														
Appling														
Cullen														

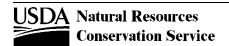
CeC:



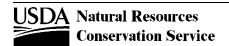
Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	tors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	ln	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
CeC:														
Cecil	0-7			5-20	1.30-1.50	2-6	0.12-0.14	0.0-2.9	0.5-1.0	.28	.28	4	3	86
	7-55			35-70	1.30-1.50	0.6-2	0.13-0.15	0.0-2.9	0.0-0.2	.28	.28			
	55-62			0-40	1.30-1.60	0.6-20	0.05-0.16	0.0-2.9	0.0-0.5	.10	.24			
Abell														
Appling														
Cullen														
Helena														
Pacolet														
Worsham														
CgC:														
Cecil	0-7			20-35	1.30-1.50	0.6-2	0.13-0.15	0.0-2.9	0.5-1.0	.28	.28	3	5	56
	7-50			35-70	1.30-1.50	0.6-2	0.13-0.15	0.0-2.9	0.0-0.2	.28	.28			
	50-62			0-40	1.30-1.60	0.6-20	0.05-0.16	0.0-2.9	0.0-0.5	.10	.24			
Abell														
Appling														
ChA:														
Chewacla	0-12			10-35	1.30-1.60	0.6-2	0.15-0.24	0.0-2.9	1.0-4.0	.28	.28	5	5	56
	12-44			18-35	1.30-1.60	0.6-2	0.12-0.20	0.0-2.9	0.5-2.0	.28	.28	·	ŭ	
	44-62			18-35	1.30-1.50	0.6-2	0.15-0.24	0.0-2.9	0.5-2.0	.32	.32			
Congaree														



Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fa	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct	•			•	
ChA:														
Wehadkee														
CoA:														
Congaree	0-10			10-25	1.20-1.40	0.6-2	0.12-0.20	0.0-2.9	1.0-4.0	.37	.37	5	6	48
	10-62			18-35	1.20-1.50	0.6-2	0.12-0.20	0.0-2.9	1.0-3.0	.37	.37			
Chewacla														
Toccoa														
CrA:														
Congaree	0-10			10-25	1.20-1.40	0.6-2	0.12-0.20	0.0-2.9	1.0-4.0	.37	.37	5	6	48
	10-62			18-35	1.20-1.50	0.6-2	0.12-0.20	0.0-2.9	1.0-3.0	.37	.37			
Chewacla	0-12			10-35	1.30-1.60	0.6-2	0.15-0.24	0.0-2.9	1.0-4.0	.28	.28	5	5	56
	12-44			18-35	1.30-1.60	0.6-2	0.12-0.20	0.0-2.9	0.5-2.0	.28	.28			
	44-62			18-35	1.30-1.50	0.6-2	0.15-0.24	0.0-2.9	0.5-2.0	.32	.32			
Тоссоа														
Wehadkee														
CuB:														
Cullen	0-8			27-40	1.20-1.50	0.6-2	0.12-0.17	3.0-5.9	0.5-2.0	.24	.24	3	6	48
	8-44			35-70	1.30-1.60	0.6-2	0.10-0.14	3.0-5.9	0.0-0.5	.24	.24			
	44-62			30-50	1.30-1.60	0.6-2	0.13-0.17	3.0-5.9	0.0-0.5	.24	.24			
Abell														
Enott														



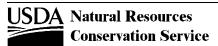
Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erod
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Inde
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct				•	
CuB:														
Georgeville														
Herndon														
Hiwassee														
Pacolet														
CuC:														
Cullen	0-8			27-40	1.20-1.50	0.6-2	0.12-0.17	3.0-5.9	0.5-2.0	.24	.24	3	6	48
	8-44			35-70	1.30-1.60	0.6-2	0.10-0.14	3.0-5.9	0.0-0.5	.24	.24			
	44-62			30-50	1.30-1.60	0.6-2	0.13-0.17	3.0-5.9	0.0-0.5	.24	.24			
Abell														
Enott														
Hiwassee														
Pacolet														
DAM:														
Dam														
EnB:														
Enott	0-12			7-27	1.25-1.45	0.6-2	0.15-0.20	0.0-2.9	0.5-2.0	.32	.32	4	5	56
	12-36			20-59	1.30-1.50	0.6-2	0.12-0.15	6.0-8.9	0.0-0.5	.24	.24			
	36-55			15-50	1.20-1.40	0.2-2	0.12-0.16	3.0-5.9	0.0-0.5	.28	.28			
	55-62					0.001-0.06								



Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erodi
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
EnB:														
Cullen														
Herndon														
Iredell														
Mattaponi														
Orange														
EnC:														
Enott	0-12			7-27	1.25-1.45	0.6-2	0.15-0.20	0.0-2.9	0.5-2.0	.32	.32	4	5	56
	12-36			20-59	1.30-1.50	0.6-2	0.12-0.15	6.0-8.9	0.0-0.5	.24	.24			
	36-55			15-50	1.20-1.40	0.2-2	0.12-0.16	3.0-5.9	0.0-0.5	.28	.28			
	55-62					0.001-0.06								
Abell														
Orange														
Tatum														
Worsham														
GeB:														
Georgeville	0-14			15-35	1.20-1.40	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.49	.49	4	6	48
	14-20			27-35	1.20-1.40	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.32	.32			
	20-57			35-65	1.20-1.40	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.28	.28			
	57-62			15-40	1.20-1.40	0.6-2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.32			
Abell														

Mara Ormada al					Moist	Dames a la 19th	Available	Linear	0	Eros	sion Fac	ctors	Wind	Wind
Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	Permeability (Ksat)	Water Capacity	Extensi- bility	Organic Matter	Kw	Kf	Т	Erodi- bility Group	Erodi- bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct		•			•
GeB:														
Cullen														
Herndon														
GeC:														
Georgeville	0-14			15-35	1.20-1.40	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.49	.49	4	6	48
	14-20			27-35	1.20-1.40	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.32	.32			
	20-57			35-65	1.20-1.40	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.28	.28			
	57-62			15-40	1.20-1.40	0.6-2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.32			
Abell														
Goldston														
Herndon														
Nason														
Tatum														
GgB:														
Georgeville	0-7			27-35	1.20-1.40	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.49	.49	4	6	48
-	7-15			27-35	1.20-1.40	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.32	.32			
	15-52			35-65	1.20-1.40	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.28	.28			
	52-62			15-40	1.20-1.40	0.6-2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.32			
Abell														
Herndon														

Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	tors	Wind Erodi-	Win Eroc
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bilit
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct	•				
GgC:														
Georgeville	0-7			27-35	1.20-1.40	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.49	.49	4	6	48
	7-15			27-35	1.20-1.40	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.32	.32			
	15-52			35-65	1.20-1.40	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.28	.28			
	52-62			15-40	1.20-1.40	0.6-2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.32			
Abell														
Cullen														
Herndon														
GoC:														
Goldston	0-1			5-27	1.40-1.60	2-6	0.10-0.16	0.0-2.9	0.5-2.0	.15	.32	1	8	0
	1-15			5-27	1.40-1.60	2-6	0.06-0.12	0.0-2.9	0.0-0.5	.05	.32			
	15-41					0.001-0.06								
	41-44					0.001-0.03								
Abell														
Louisburg														
Nason														
Tatum														
Wedowee														
Worsham														
GuC: Gullied land	0-60					0.6-6								0



Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fa	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
GuC:														
Appling														
Cecil														
Georgeville														
Herndon														
Nason														
Pacolet														
Tatum														
НаВ:														
Helena	0-12			5-20	1.58-1.62	2-6	0.10-0.12	0.0-2.9	0.5-2.0	.24	.24	4	5	56
	12-42			35-60	1.44-1.55	0.06-0.2	0.13-0.15	6.0-8.9	0.0-0.5	.28	.28			
	42-62			0-40	1.30-1.60	0.6-20	0.05-0.16	0.0-2.9	0.0-0.5	.10	.24			
Abell														
Enott														
Louisburg														
Mattaponi														
Pacolet														
Wedowee														

Mara Ormalia I					Moist	Dames a la 1924 a	Available	Linear	0	Eros	sion Fa	ctors	Wind	Wind
Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	Permeability (Ksat)	Water Capacity	Extensi- bility	Organic Matter	Kw	Kf	Т	Erodi- bility Group	Erodi- bility Index
	ln	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
НаВ:														
Worsham														
HbC:														
Helena	0-12			5-20	1.58-1.62	2-6	0.10-0.12	0.0-2.9	0.5-2.0	.24	.24	4	5	56
	12-42			35-60	1.44-1.55	0.06-0.2	0.13-0.15	6.0-8.9	0.0-0.5	.28	.28			
	42-62			0-40	1.30-1.60	0.6-20	0.05-0.16	0.0-2.9	0.0-0.5	.10	.24			
Worsham	0-12			10-20	1.25-1.55	2-6	0.10-0.15	0.0-2.9	1.0-2.0	.28	.28	4	3	86
	12-26			30-55	1.35-1.65	0.001-0.06	0.10-0.16	3.0-5.9	0.0-0.5	.28	.28			
	26-62			10-40	1.20-1.50	0.2-0.6	0.08-0.19	3.0-5.9	0.0-0.5	.28	.28			
Enott														
Iredell														
Louisburg														
Mattaponi														
Wedowee														
HeB:														
Herndon	0-11			5-27	1.20-1.40	0.6-2	0.14-0.20	0.0-2.9	0.5-1.0	.43	.43	5	5	56
	11-41			35-60	1.30-1.60	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.28	.28			
	41-62			10-27	1.20-1.40	0.6-2	0.05-0.08	0.0-2.9	0.0-0.5	.32	.37			
Abell														
Appling														

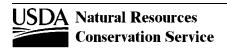
Mecklenburg County, Virginia

Man Cymhal					Moist	Dormoobility	Available	Linear	Organia	Eros	ion Fac	ctors	Wind Erodi-	Wind Erodi-
Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	Permeability (Ksat)	Water Capacity	Extensi- bility	Organic Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
HeB: Cecil														
Enott														
Georgeville														
Goldston														
Nason														
Orange														
HeC:														
Herndon	0-11			5-27	1.20-1.40	0.6-2	0.14-0.20	0.0-2.9	0.5-1.0	.43	.43	5	5	56
	11-41			35-60	1.30-1.60	0.6-2	0.13-0.18	0.0-2.9	0.0-0.5	.28	.28			
	41-62			10-27	1.20-1.40	0.6-2	0.05-0.08	0.0-2.9	0.0-0.5	.32	.37			
Abell														
Appling														
Georgeville														
Nason														
Wedowee														
Worsham														

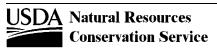
HwB:



Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erod
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct	•		•	•	•
HwB:														
Hiwassee	0-12			10-35	1.35-1.55	0.6-2	0.12-0.15	0.0-2.9	0.5-2.0	.20	.24	5	6	48
	12-67			35-60	1.30-1.45	0.6-2	0.12-0.15	0.0-2.9	0.0-0.5	.17	.20			
Abell														
Cullen														
lrB:														
Iredell	0-12			15-35	1.20-1.40	0.6-2	0.14-0.17	0.0-2.9	0.5-2.0	.32	.32	3	6	48
	12-35			40-60	1.20-1.45	0.06-0.2	0.16-0.22	9.0-25.0	0.0-0.5	.20	.20			
	35-40			15-35	1.30-1.60	0.06-0.2	0.14-0.18	6.0-8.9	0.0-0.5	.28	.28			
	40-62			0-40	1.30-1.60	0.6-20	0.05-0.16	0.0-2.9	0.0-0.5	.10	.24			
Enott														
Helena														
Orange														
Worsham														
IrC:														
Iredell	0-12			15-35	1.20-1.40	0.6-2	0.14-0.17	0.0-2.9	0.5-2.0	.32	.32	3	6	48
	12-35			40-60	1.20-1.45	0.06-0.2	0.16-0.22	9.0-25.0	0.0-0.5	.20	.20			
	35-40			15-35	1.30-1.60	0.06-0.2	0.14-0.18	6.0-8.9	0.0-0.5	.28	.28			
	40-62			0-40	1.30-1.60	0.6-20	0.05-0.16	0.0-2.9	0.0-0.5	.10	.24			
Abell														
Enott														



Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erodi
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
·C:														
Helena														
Louisburg														
Orange														
Wedowee														
oB:														
Louisburg	0-15			5-15	1.25-1.45	6-20	0.09-0.12	0.0-2.9	0.5-2.0	.24	.24	3	3	86
	15-29			7-18	1.30-1.50	6-20	0.10-0.12	0.0-2.9	0.0-0.5	.24	.24			
	29-48					0.001-0.06								
shallow soils														
Wedowee														
oC:														
Louisburg	0-15			5-15	1.25-1.45	6-20	0.09-0.12	0.0-2.9	0.5-2.0	.24	.24	3	3	86
3	15-29			7-18	1.30-1.50	6-20	0.10-0.12	0.0-2.9	0.0-0.5	.24	.24			
	29-62					0.001-0.06								
Abell														
Appling														
Enott														
Helena														
-														
Iredell														



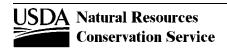
Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	ion Fa	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
LoC:														
Pacolet														
shallow soils														
Wedowee														
MdB:														
Masada	0-8			10-27	1.20-1.50	2-6	0.10-0.17	0.0-2.9	1.0-3.0	.32	.32	4	3	86
	8-41			27-55	1.30-1.60	0.6-2	0.10-0.17	3.0-5.9	0.0-0.5	.24	.24			
	41-62			20-40	1.30-1.60	0.6-2	0.10-0.17	3.0-5.9	0.0-0.5	.24	.24			
Abell														
Cecil														
Cullen														
Hiwassee														
MtB:														
Mattaponi	0-16			5-18	1.30-1.55	0.6-6	0.08-0.15	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	16-58			35-65	1.40-1.65	0.2-0.6	0.12-0.18	3.0-5.9	0.0-0.5	.28	.28			
	58-62			0-60	1.25-1.60	0.2-20	0.05-0.20	0.0-2.9	0.0-0.5	.20	.20			
Appling														
Cecil														
Helena														

Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
MtB:														
Wedowee														
MtC:														
Mattaponi	0-16			5-18	1.30-1.55	0.6-6	0.08-0.15	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	16-58			35-65	1.40-1.65	0.2-0.6	0.12-0.18	3.0-5.9	0.0-0.5	.28	.28			
	58-62			0-60	1.25-1.60	0.2-20	0.05-0.20	0.0-2.9	0.0-0.5	.20	.20			
Abell														
Appling														
Cecil														
Helena														
Louisburg														
NaD:														
Nason	0-13			10-27	1.25-1.55	0.6-2	0.14-0.20	0.0-2.9	1.0-3.0	.43	.43	4	5	56
	13-25			35-50	1.30-1.60	0.6-2	0.12-0.19	3.0-5.9	0.0-0.5	.28	.28			
	25-58			10-25	1.25-1.55	0.6-2	0.15-0.20	0.0-2.9	0.0-0.5	.28	.32			
	58-62					0.001-0.06								
Abell														
Georgeville														
Goldston														
Herndon														

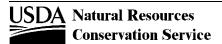
Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fa	ctors	Wind Erodi-	Wind
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Inde
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
NaD:														
Tatum														
OaB:														
Orange	0-15			10-27	1.25-1.55	0.6-2	0.14-0.20	0.0-2.9	1.0-3.0	.28	.28	3	5	56
	15-41			35-60	1.35-1.65	0.06-0.2	0.10-0.19	6.0-8.9	0.0-0.5	.28	.32			
	41-48					0.001-0.06								
	48-50					0.001-0.06								
Enott														
Goldston														
Herndon														
Iredell														
OaC:														
Orange	0-15			10-27	1.25-1.55	0.6-2	0.14-0.20	0.0-2.9	1.0-3.0	.28	.28	3	5	56
3	15-41			35-60	1.35-1.65	0.06-0.2	0.10-0.19	6.0-8.9	0.0-0.5	.28	.32			
	41-48					0.001-0.06								
	48-50					0.001-0.06								
Enott														
Worsham														
PaB:														
Pacolet	0-9			8-20	1.00-1.50	2-6	0.08-0.12	0.0-2.9	0.5-2.0	.20	.28	3	3	86
<del></del>	9-24			35-65	1.30-1.50	0.6-2	0.12-0.15	0.0-2.9	0.0-0.5	.28	.28	-	-	30
	24-36			15-30	1.20-1.50	0.6-2	0.08-0.15	0.0-2.9	0.0-0.5	.28	.28			
	36-62			10-25	1.20-1.50	0.6-2	0.08-0.15	0.0-2.9	0.0-0.5	.28	.28			



Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
PaB:														
Abell														
Cecil														
PaC:														
Pacolet	0-9			8-20	1.00-1.50	2-6	0.08-0.12	0.0-2.9	0.5-2.0	.20	.20	3	3	86
	9-24			35-65	1.30-1.50	0.6-2	0.12-0.15	0.0-2.9	0.0-0.5	.28	.28			
	24-36			15-30	1.20-1.50	0.6-2	0.08-0.15	0.0-2.9	0.0-0.5	.28	.28			
	36-62			10-25	1.20-1.50	0.6-2	0.08-0.15	0.0-2.9	0.0-0.5	.28	.28			
Abell														
Cecil														
Louisburg														
PaD:														
Pacolet	0-9			8-20	1.00-1.50	2-6	0.08-0.12	0.0-2.9	0.5-2.0	.20	.20	3	3	86
	9-24			35-65	1.30-1.50	0.6-2	0.12-0.15	0.0-2.9	0.0-0.5	.28	.28			
	24-36			15-30	1.20-1.50	0.6-2	0.08-0.15	0.0-2.9	0.0-0.5	.28	.28			
	36-62			10-25	1.20-1.50	0.6-2	0.08-0.15	0.0-2.9	0.0-0.5	.28	.28			
Abell														
Enott														
Helena														
Louisburg														
Wedowee														

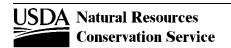


Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fa	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	ln	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
PaD:														
Worsham														
PcD:														
Pacolet	0-9			20-35	1.30-1.50	0.6-2	0.10-0.14	0.0-2.9	0.5-1.0	.24	.24	2	5	56
	9-22			35-65	1.30-1.50	0.6-2	0.12-0.15	0.0-2.9	0.0-0.5	.28	.28			
	22-30			15-30	1.20-1.50	0.6-2	0.08-0.15	0.0-2.9	0.0-0.5	.28	.28			
	30-62			10-25	1.20-1.50	0.6-2	0.08-0.15	0.0-2.9	0.0-0.5	.28	.28			
Abell														
Helena														
Louisburg														
Wedowee														
Worsham														
TaD:														
Tatum	0-4			12-27	1.10-1.40	0.6-2	0.16-0.20	0.0-2.9	0.5-2.0	.37	.37	4	3	86
	4-48			34-60	1.40-1.60	0.6-2	0.10-0.19	3.0-5.9	0.0-0.5	.28	.28			
	48-62					0.001-0.06								
Abell														
Georgeville														
Goldston														
Herndon														



Mecklenburg County, Virginia

				Moist	Dormoobility	Available	Linear	Organia	Eros	sion Fa	ctors	Wind	Wind Erodi-
Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
In	Pct	Pct	Pct	g/cc	In/Hr	In/In	Pct	Pct					
0-7			27-40	1.30-1.50	0.6-2	0.14-0.18	0.0-2.9	0.0-2.0	.32	.32	3	6	48
			34-60	1.40-1.60		0.10-0.19	3.0-5.9	0.0-0.5	.28	.28			
44-62					0.001-0.06								
0-12			2-15	1.40-1.55	2-6	0.09-0.12	0.0-2.9	1.0-2.0	.24	.28	4	3	86
12-62			2-19	1.40-1.50	2-6	0.09-0.12	0.0-2.9	0.0-0.5	.20	.24			
	0-7 7-44 44-62 0-12 12-62	In Pct   0-7  7-44 44-62   0-12 12-62	In Pct Pct   0-7  7-44  44-62  0-12  12-62	In Pct Pct Pct	In Pct Pct Pct g/cc	Depth         Sand         Silt         Clay         Bulk Density         Residency (Ksat)           In         Pct         Pct         Pct         g/cc         In/Hr	Depth         Sand         Silt         Clay         Bulk Density         In (Ksat)         Water Capacity           In         Pct         Pct         Pct         g/cc         In/Hr         In/In                    0-7           27-40         1.30-1.50         0.6-2         0.14-0.18           7-44           34-60         1.40-1.60         0.6-2         0.10-0.19           44-62            0.001-0.06	Depth         Sand         Silt         Clay         Bulk Density         1 (Ksat)         Water Capacity         Extensibility           In         Pct         Pct         Pct         g/cc         In/Hr         In/In         Pct                    0-7           27-40         1.30-1.50         0.6-2         0.14-0.18         0.0-2.9           7-44           34-60         1.40-1.60         0.6-2         0.10-0.19         3.0-5.9           44-62            0.001-0.06 <t< td=""><td>  Depth   Sand   Silt   Clay   Bulk   Density   Water   Capacity   Extensibility   Matter    </td><td>  Depth   Sand   Silt   Clay   Bulk   Density   Remeability   Remeability   Capacity   Sand   Silt   Clay   Bulk   Density   Remeability   Capacity   Sand   Silt   Clay   Substitute   Sub</td><td>  Depth   Sand   Silt   Clay   Bulk Density   Permeability (Ksat)   Walare Capacity   Capacity   Extensibility   Matter Capacity   Density   Capacity   Ca</td><td>  Depth   Sand   Silt   Clay   Density   Clay   Consisty   Clay   Density   Clay   Density   Clay   Clay   Density   Clay   Clay   Density   Density   Clay   Density   Density   Clay   Density   Density   Clay   Density   Den</td><td>  Depth   Sand   Silt   Clay   Bulk   Density   Permeability   (Ksat)   Waler   Capacity   Silt   Clay   Bulk   Density   Clay   Capacity   Capacity   Silt   Capacity   Capacit</td></t<>	Depth   Sand   Silt   Clay   Bulk   Density   Water   Capacity   Extensibility   Matter	Depth   Sand   Silt   Clay   Bulk   Density   Remeability   Remeability   Capacity   Sand   Silt   Clay   Bulk   Density   Remeability   Capacity   Sand   Silt   Clay   Substitute   Sub	Depth   Sand   Silt   Clay   Bulk Density   Permeability (Ksat)   Walare Capacity   Capacity   Extensibility   Matter Capacity   Density   Capacity   Ca	Depth   Sand   Silt   Clay   Density   Clay   Consisty   Clay   Density   Clay   Density   Clay   Clay   Density   Clay   Clay   Density   Density   Clay   Density   Density   Clay   Density   Density   Clay   Density   Den	Depth   Sand   Silt   Clay   Bulk   Density   Permeability   (Ksat)   Waler   Capacity   Silt   Clay   Bulk   Density   Clay   Capacity   Capacity   Silt   Capacity   Capacit



WdD:

Mecklenburg County, Virginia

Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erodi
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct		<u> </u>			
VdD:														
Wedowee	0-8			5-20	1.25-1.60	2-6	0.10-0.18	0.0-2.9	0.5-3.0	.24	.24	3	3	86
	8-14			14-30	1.30-1.55	0.6-2	0.12-0.18	0.0-2.9	0.0-0.5	.28	.28			
	14-32			35-45	1.30-1.50	0.6-2	0.12-0.18	0.0-2.9	0.0-0.5	.28	.28			
	32-62			15-30	1.20-1.50	0.6-2	0.08-0.15	0.0-2.9	0.0-0.5	.28	.28			
Abell														
Helena														
Louisburg														
Mattaponi														
Pacolet														
VeA:														
Wehadkee	0-42			6-40	1.35-1.50	0.6-2	0.15-0.24	0.0-2.9	2.0-5.0	.32	.32	5	6	48
	42-54			18-35	1.30-1.50	0.6-2	0.16-0.20	0.0-2.9	0.3-2.0	.32	.32			
	54-62			0-40	1.30-1.60	0.6-20	0.05-0.16	0.0-2.9	0.0-0.5	.10	.24			
Altavista														
Buncombe														
Chewacla														
Congaree														
Toccoa														

WoB:



Man Cymhol					Moist	Permeability	Available	Linear	Organia	Eros	sion Fac	ctors	Wind Erodi-	Wind
Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Organic Matter	Kw	Kf	Т	bility Group	Erodi- bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct		•		•	•
WoB:														
Worsham	0-8			10-20	1.25-1.55	2-6	0.10-0.15	0.0-2.9	1.0-2.0	.28	.28	4	3	86
	8-50			30-55	1.35-1.65	0.001-0.06	0.10-0.16	3.0-5.9	0.0-0.5	.28	.28			
	50-62			10-40	1.20-1.50	0.2-0.6	0.08-0.19	3.0-5.9	0.0-0.5	.28	.28			
Abell														
Chewacla														
Helena														